



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Jaehoon Heo

Serial No: 10/795,914

Filed: March 8, 2004

For: Method and Apparatus for Efficient Conversion of Signals Using Look-Up Table

Docket No.: TI-36083

Art Unit: To be Assigned

Examiner: To be Assigned

Conf. No.: To be Assigned

LETTER TO THE OFFICIAL DRAFTPERSON

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

MAILING CERTIFICATE UNDER 37 C.F.R. §1.8(a)

I hereby certify that the above correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 22, 2004

Indranil Chowdhury, Reg. No.: 47,490

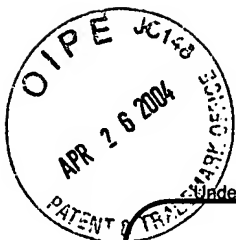
Dear Sir:

Please find enclosed the formal drawings for the subject case. Charge any necessary fees to Deposit Account No. 20-0668. **This form is submitted in triplicate.**

Respectfully submitted,

Indranil Chowdhury
Attorney for Applicant
Registration No. 47,490

Robert D. Marshall, Jr.
Texas Instruments Incorporated
P.O. Box 655474, MS 3999
Dallas, TX 75265
(972) 917-5290



PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/795,914	
	Filing Date	March 8, 2004	
	First Named Inventor	Jaehoon Heo	
	Art Unit	To be Assigned	
	Examiner Name	To be Assigned	
Total Number of Pages in This Submission	25	Attorney Docket Number	TI-36083

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Letter to Draftperson Acknowledgment Postcards (2)
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Indranil Chowdhury Reg. No.: 47,490
Signature	<i>Indranil Chowdhury</i>
Date	April 22, 2004

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Indranil Chowdhury		
Signature	<i>Indranil Chowdhury</i>	Date	April 22, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/17(05-03)
Approved for use through 07/31/2008. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

Express Mailing Label No.:

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$ 438

Complete If Known

Application Number 10/795,914

Filing Date 8-Mar-04

First Named Inventor Jaehoon Heo

Examiner Name

Art Unit

Attorney Docket No.

TI-36083

METHOD OF PAYMENT

☐ Check ☐ Credit Card ☐ Money Order ☐ Other

☒ Deposit Account

Deposit
Account
Number

20-0668

Deposit
Account
Name

Texas Instruments Incorporated

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge Any Additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1001	770	201	355	Utility filing fee	
1002	340	206	160	Design filing fee	
1003	530	207	245	Plant filing fee	
1004	770	208	355	Reissue filing fee	
1005	160	214	75	Provisional filing fee	
SUBTOTAL (1)					(\$)

2. EXTRA CLAIM FEES

Extra Claims		Fee from below		Fee Paid	
Total Claims	32	-22**=	10	X 18	= \$180
Independent Claims	8	-5**=	3	X 86	= \$258
Multiple Dependent				X 290	=

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
1202	18	203	9	Claims in excess of 20
1201	86	202	40	Independent claims in excess of 3
1203	290	204	135	Multiple dependent claim, if not paid
1204	86	209	40	**Reissue independent claims over original patent
1205	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 438

**or number previously paid, if greater; For Reissue, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1051	130	205	65	Surcharge - late filing fee of oath	
1052	50	227	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	139	130	Non-English specification	
1812	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	112	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
1251	110	215	55	Extension for reply within first month	
1252	420	216	195	Extension for reply within second month	
1253	950	217	445	Extension for reply within third month	
1254	1,480	218	695	Extension for reply within fourth month	
1255	2,010	228	945	Extension for reply within fifth month	
1401	330	219	155	Notice of Appeal	
1402	330	220	155	Filing a brief in support of an appeal	
1403	290	221	135	Request for oral hearing	
1451	1,510	138	1,510	Petition to institute a public use proceeding	
1452	110	240	55	Petition to revive - unavoidable	
1453	1,330	241	620	Petition to revive - unintentional	
1501	1,330	242	620	Utility issue fee (or reissue)	
1502	480	243	220	Design issue fee	
1503	640	244	300	Plant issue fee	
1460	130	122	130	Petitions to the Commissioner	
1807	50	123	130	Petitions related to Prov'l Apps (Proc. Fee under 37 CFR 1.17(q))	
1806	180	126	180	Submission of information Disclosure Stmt	
8021	40	581	40	Recording each patent assignment per property (times no. of properties)	
1809	770	246	355	Filing a submission after final rejection (37 CFR \$1.129(a))	
1810	770	249	355	For each additional invention to be examined (37 CFR \$1.129(b))	
1801	770	279	355	Request for Continued Examination (RCE)	
1802	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0

SUBMITTED BY

Name (Print/Type)

Indranil Chowdhury

Registration
No.
(Attorney/Agent)

47,490

Telephone

(281) 980-0259

Signature

Indranil Chowdhury

Date

April 22, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

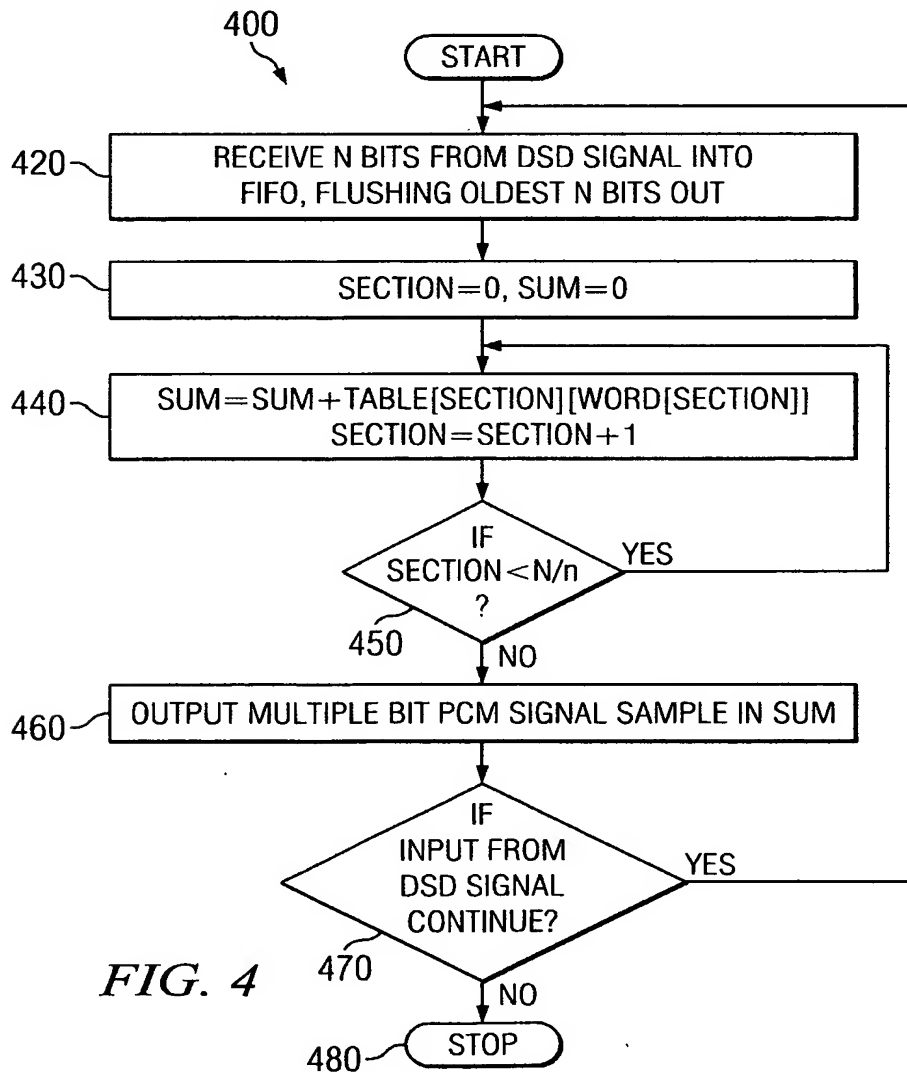
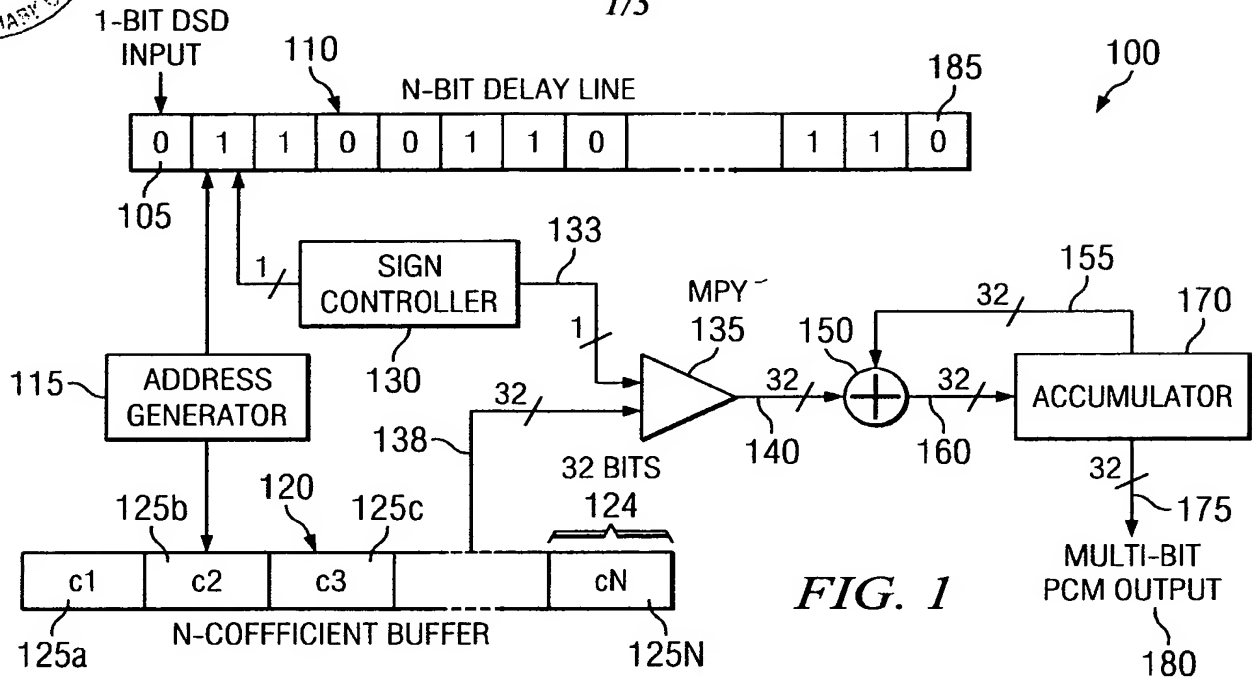
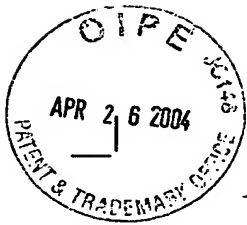


FIG. 2

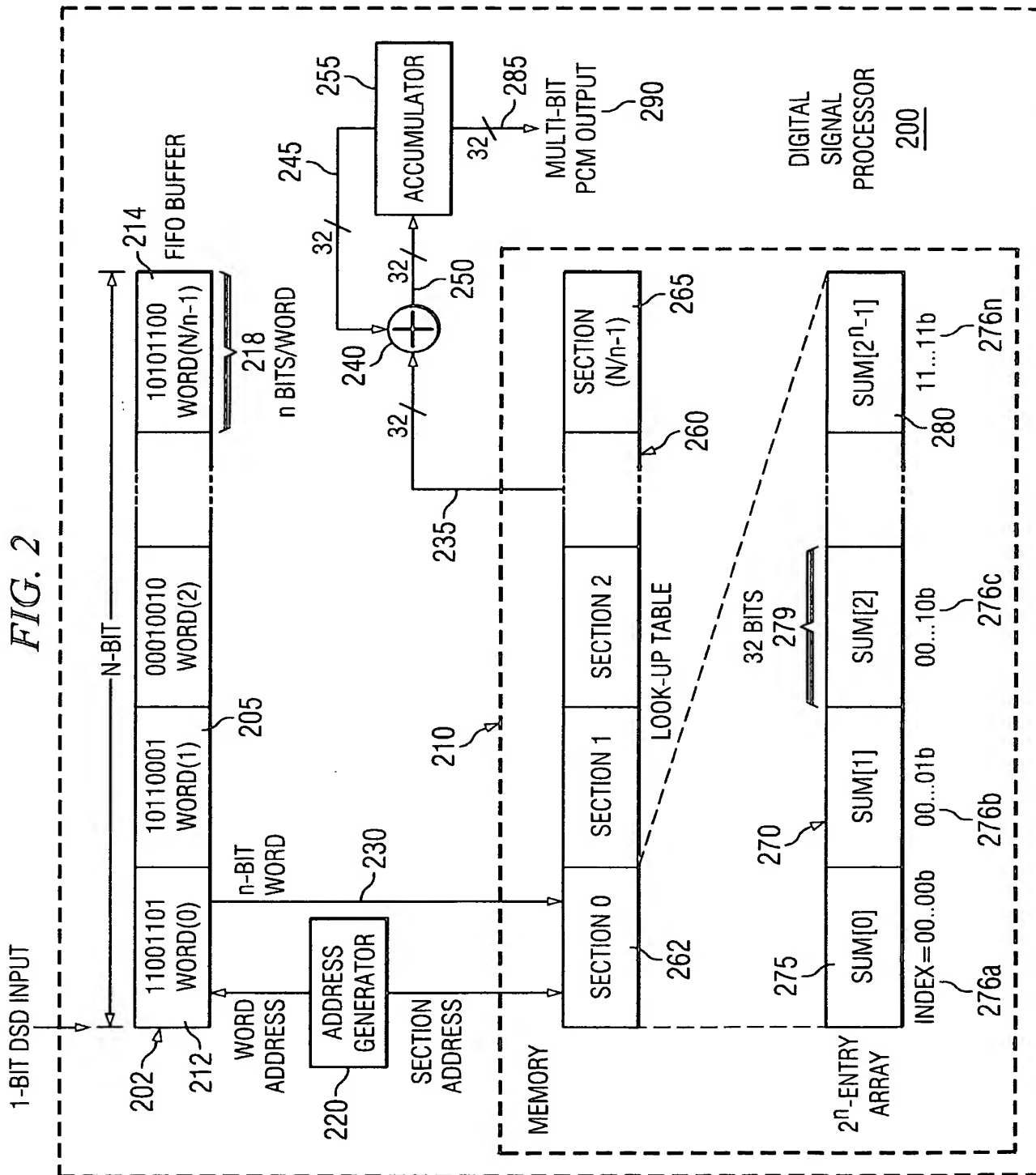


FIG. 3

